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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/900,684	07/06/2001	Robert William Nabb	13DV13928	6738

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EXAMINER

GEDRICH, SARAH R

ART UNIT	PAPER NUMBER
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3625

DATE MAILED: 11/01/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

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<b>Office Action Summary</b>	<b>Application No.</b> 09/900,684	<b>Applicant(s)</b> NABB ET AL.	
	<b>Examiner</b> Sarah R. Gedrich	<b>Art Unit</b> 3625	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 06 July 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☒ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |  |
|--|--|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. ____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)            |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date ____ | 6) <input type="checkbox"/> Other: ____  |

## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-8,10,12 -16, 18 and 20 are rejected under 35 U.S.C. 102(e) as being anticipated by Blumberg et al. Patent Application Publication US 2003/0140315.

3. Referring to Claim 1. Blumberg discloses an Online Print on-Demand Service System connected through the Internet or an intranet (paragraph 0141). The system comprises:

- an “electronic document management system” that allows a document that was uploaded onto the on-demand print server to be stored and accessed by user (paragraph 0143).
- a user interface (paragraph 0030).
- a service provider production interface (paragraph 0034).

The Virtual Builder server interfaces with the web application for online ordering (paragraph 0157). A job description file is saved and associated with the document that includes the finishing options (paragraph 0144) similar to the way job tickets are used with PDF documents (paragraph 0031). The user can determine the status of a job

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through the Order Management Software by using the assigned tracking number (paragraph 0116).

4. Referring to Claim 2. Blumberg further discloses that the documents will be “uploaded” to the on-demand print server directly (paragraph 0143) or through a web server (paragraph 0148).

5. Referring to Claim 3. Blumberg further discloses that the print service provider as an interface that includes delivery information (paragraph 0035 and 0038). This interface permits the delivery information that was uploaded and that the information could be downloaded for viewing and printing purposes.

6. Referring to Claim 4. Blumberg further discloses that the orders are routed to the print production center (paragraph 0039). The service provider has an interface that allows for a “scrolling list of incoming jobs; the ability to enter status of a job; [and a] display of finishing options to be applied” (paragraphs 0034-0037).

7. Referring to Claim 5. Blumberg further discloses that a user not on the intranet can access the print on-demand service through a web server 290 (paragraph 0148). Blumberg also discloses that the print jobs are managed and processed by an order manager with a web interface. The order manager routes the jobs to available printers at the print production center (paragraph 0147).

8. Referring to Claim 6. The Document Management System that Blumberg discloses includes software that controls access and restricts unauthenticated access to the documents (paragraph 0135).

9. Referring to Claim 7. Figure 2 of Blumberg shows the Document Management System and On-demand Print Server located on the Intranet. From this figure you can see that element 400 has access from an Extranet, the Internet. Figure 4 teaches that the Client computer with web browser 410 and documents 430 is element 400.

10. Referring to Claim 8. Blumberg discloses that the files are stored in the Portable Document Format (PDF) (paragraph 0109) which is stored as Binary Large Objects (BLOBs).

11. Referring to Claim 10. Blumberg further discloses creation and viewer software that is used to create and interactively view the finished document (paragraph 0059). The Document Management Software further allows for organizing documents into files and folders and provides a search capability (paragraph 0135).

12. Referring to Claims 12-16. Claims 12-16 are rejected under the same rationale as set forth in claims 1-8, and 10.

13. Referring to Claims 18. Claims 18 is rejected under the same rationale as set forth in claims 1-8, and 10.

14. Referring to Claim 20. Blumberg discloses an "electronic document management system" that stores the document and the associated job description file. The document and the job description file have been "transferred" from the Virtual builder server to the on-demand print server to the "electronic document management system" (paragraphs 0143-0144).

***Claim Rejections - 35 USC § 103***

15. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

16. Claim 9 and 17 is rejected under 35 U.S.C. 103(a) as being unpatentable over Blumberg in view of Hansen et al. US Patent No. 6,462,756.

17. Referring to Claim 9. Blumberg discloses the system discussed above.

Blumberg fails to disclose a means for changing the status information by the user.

However, Hansen discloses a user interface display 400 (column 15, line12) that provides the "ticket menu" 408 which provides options for creating and manipulating job/print tickets, including deleting a ticket (column15, lines 37-42).

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Blumberg to include user interface display 400 as taught by Hansen in order to provide options for creating and manipulating job/print tickets, including deleting a ticket (column15, lines 37-42) by the user.

18. Referring to Claim 17. Claim 17 is rejected under the same rationale as set forth in Claim 9.

19. Claim 11 is rejected under 35 U.S.C. 103(a) as being unpatentable over Blumberg et al. Patent Application Publication US 2003/0140315 in view of www.kinkos.com [archived at www.archive.org February 24, 2001] (hereafter "Kinkos.com") and in further view of "Internet Printing Solution Digitally Enables Printing

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Service Bureaus; New Digital Solutions Offer Print Providers tremendous Opportunities', " Business Editors/Hi-Tech Writers COMDEX Fall 99, Business Wire, New York, November 10, 1999 (hereafter "Internet Printing Solutions".)

20. Referring to Claim 11. Blumberg discloses the system discussed above.

Blumberg fails to disclose a copy reproduction order form, and a wide format order form. Kinkos.com shows a copy reproduction order form and a "'Special Instructions' section" for wide format ordering.

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Blumberg to include copy reproduction, and wide format reproduction order forms as taught by Kinkos.com in order to easily identify and process a customers needs.

Neither Blumberg nor Kinkos.com teaches a CD-ROM reproduction order form. However, "Internet Printing Solutions" shows that digital media jobs performed by pay-by-job service bureaus can include the reproduction of CD-ROMs.

It would have been obvious to one of ordinary skill in the art at the time of the invention to further modify the combination of Blumberg and Kinkos.com to include a CD-ROM order reproduction form as taught by "Internet Printing Solutions" to allow customers to make digital copies of their data.

21. Claim 19 is rejected under 35 U.S.C. 103(a) as being unpatentable over Blumberg et al. Patent Application Publication US 2003/0140315 in view of Kinkos.com.

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22. Referring to Claim 19. Blumberg discloses the system discussed above including the ability to upload a document for copying. Blumberg fails to disclose automatic entry of personal information of user. Kinkos.com shows that a person can store personal information that will be remembered and inserted upon return to the website.

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Blumberg to include automatic entry of personal information as taught by Kinkos.com in order to aid frequent users to quickly process orders.

### ***Conclusion***

23. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- Morgan et al., US Patent No. 5,220,674, June 15, 1993, discloses a Local Area Print Server for Requesting and Storing Required Resource Data and Forwarding Printer Status Message to Selected Destination.
- Greulich et al., US Patent No. 5,241,464, August 31, 1993, discloses Desktop Forms Order System.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sarah R. Gedrich whose telephone number is (703) 306-5449. The examiner can normally be reached on M-F 7:30am - 5:00pm, alternating Fridays.




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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wynn Coggins can be reached on (703) 308-1344. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Sarah R. Gedrich  
Examiner  
Art Unit 3625

SRG

  
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SUPERVISORY PATENT EXAMINER  
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